

## Anti-NCAM1 Antibody (8K930)

### Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	8K930
Purification:	Protein A

### Applications

Anti-NCAM1 rabbit monoclonal antibody at 1:500 dilution.

- Lane A: Jurkat Whole Cell Lysate.
- Lane B: SH-SY5Y Whole Cell Lysate.
- Lane C: Mouse brain Tissue lysate.
- Lysates/proteins at 30 µg per lane.

Verified Activity:

- Secondary
- Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.
- Developed using the Odyssey technique.
- Performed under reducing conditions.
- Predicted band size:93 kDa.
- Observed band size:93 kDa(We are unsure as to the identity of these extra bands.)

Application: WB

Recommended WB: 1:500-1:1000

### Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.

Shipping: Shipping with blue ice.

### Antigen Details

Immunogen: A synthetic peptide: center region of the Human NCAM1 / CD56

Antigen Species: Human

Synonyms: CD56;neural cell adhesion molecule 1;NCAM;MSK39

### Research Background

NCAM1 (Neural Cell Adhesion Molecule 1, also known as CD56) is a Protein Coding gene. 3 alternatively spliced human isoforms have been reported. NCAM1 is a neural adhesion protein (NCAM) that belongs to the immunoglobulin superfamily. The encoded protein is involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. NCAM1 is involved in neuron-neuron adhesion, neurite fasciculation, the outgrowth of neurites, etc. It has also been shown to be involved in the expansion of T cells and dendritic cells which play an important role in immune surveillance. Diseases associated with NCAM1 include Rabies and Bile Duct Cancer. Among its related pathways are Neuroscience and RET signaling.

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